

**PATENT**  
Docket No. 5634.358

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventors: John C. Harvey and James W.  
Cuddihy

Serial No.: 08/479,215

Filing Date: June 7, 1995

For: Signal Processing Apparatus and  
Methods

Group Art Unit: 2602

Examiner:

Assistant Commissioner of Patents  
Washington D.C. 20231

PENDING  
65313-6 FILED  
JUN 11 1995  
2602

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56(a) and in conformance with the procedures of 37 C.F.R. §§ 1.97-98 and M.P.E.P. § 609, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449.

The above-referenced application claims priority under 35 U.S.C. § 120 of the following applications:

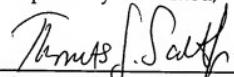
<u>Serial No.</u>	<u>Filing Date</u>	<u>Patent No.</u>
08/113,329	August 30, 1993	Pending
08/056,501	May 3, 1993	5,335,277
07/849,226	March 10, 1992	5,233,654
07/588,126	September 25, 1990	5,109,414
07/096,096	September 11, 1987	4,965,825

Applicants believe that all references cited on the attached PTO 1449 form were cited by or submitted to the PTO in one or more of the case cited above or in U.S. Patent Application Serial No. 06/829,531, filed February 15, 1986 now U.S. Patent No. 4,704,725, U.S. Patent Application Serial No. 06/317,510, filed November 3, 1981 now U.S. Patent No. 4,694,490 and co-pending U.S. Patent Application Serial No. 08/448,143, filed May 23, 1995. Therefore, no copies of the listed references are provided herewith. Additionally, references believed to be dated in the period from November 3, 1981 through September 11, 1987 are included in the present IDS as this application only claims priority to the September 11, 1987 filing date. It is respectfully requested that the information above be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

CERTIFICATION AND/OR FEE

Since this IDS is being filed pursuant to 37 C.F.R. § 1.97(b) before the later of three months after the filing date of the above-referenced application or the date of receipt of the first Office action on the merits, no certification or fee is required.

Respectfully submitted,



Thomas J. Scott, Jr. (Reg. No. 27,836)

Dated: December 5, 1995

HOWREY & SIMON  
1299 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004-2402  
(202) 783-0800 (telephone)  
(202) 383-6610 (telecopier)

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<b>Supplemental Information Disclosure Statement by Applicant</b>	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602
<b>Title: Signal Processing Apparatus and Methods</b>		

**U. S. Patent Documents**

Examiner Initial	Patent Number	Patent Date	Name	Class / Subclass	Filing Date *
	2,510,046	5/30/50	Ellett, et al.	178/5.6	
	2,619,530	11/25/52	Roschke	178/5.1	
	2,892,882	6/30/59	Hughes	178/5.1	
	2,972,008	2/14/61	Ridenour, et al.	178/5.1	
	3,304,416	2/14/67	Wolf	235/92	
	3,336,437	8/15/67	Brouard, et al.	178/5.4	
	3,478,164	11/11/69	Southworth	178/6.6	
	3,576,391	4/27/71	Houghton	178/5.6	
	3,683,111	8/8/72	Southworth	178/6	
	3,726,992	4/10/73	Eguchi, et al.	178/5.6	
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	3,950,607	4/13/76	Southworth, et al.	178/6	

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	4,104,681	8/1/78	Saylor, et al.	358/141	
	4,148,066	4/3/79	Saylor	358/127	
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	4,393,404	7/12/83	Cox, et al.	358/147	
	4,400,717	8/23/83	Southworth, et al.	358/13	
	4,439,761	3/27/84	Fleming, et al.	345/189	
	4,449,145	5/15/84	Ciciora	358/147	
	4,458,268	7/3/84	Ciciora	358/120	
	4,520,392	5/28/85	Cox et al.	358/147	
	4,734,907	3/29/88	Turner	370/60	9/6/85

\*- If pertinent

\*\*\*- Claims priority from parent application filed prior to Sep. 11, 1987.

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Title: **Signal Processing Apparatus and Methods**

**Foreign Patent Documents**

Examiner Initial	Document Number	Publication Date	Country	Class / Subclass	Translation Yes	Translation No
	WO 85/03604	8/15/85	PCT Application	H03K 3/84		X
	0 132 007	1/23/85	European Patent Office	H04N 7/16		X
	2 033 699	5/21/80	Great Britain	H04L 1/10, 1/40		X
	2 058 681	6/15/72	Germany	H04N 7/08	X	
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Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
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	Schmodel, S., "TV Systems Enabling Viewers to Call Up Printed Data Catch Eye of Media Firms," newspaper article, <i>The Wall Street Journal</i> , Tuesday, July 24, 1979, p. 46.
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<b>Title: Signal Processing Apparatus and Methods</b>		

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\* - If pertinent

\*\*\* - Claims priority from patent application filed prior to Sept. 11, 1987

Examiner	Date Considered
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /K.B./

<b>Information Disclosure Statement by Applicant</b>	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
	Filing Date June 7, 1995	Group 2602

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Examiner Initial	Document Number	Publication Date	Country	Class / Subclass	Translation Yes	Translation No
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	Applicant(s) John C. Harvey and James W. Cuddihy	
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<b>Information Disclosure Statement by Applicant</b>  Title: <b>Signal Processing Apparatus and Method</b>	Attorney Docket No. 5634.358	Serial No. 08/479,215
	Applicant(s) John C. Harvey and James W. Cuddihy	
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